

**What is claimed is:**

1. An improved filter for barcode scanner for disposing on a front end apparatus of a scanner to filter barcode image light reflected from a scanning object, comprising:

5           a glass layer;

          a first filter layer plated on an outer surface of the glass layer for filtering the image light reflected from a barcode of the object; and

          a second filter layer plated on an inner surface of the glass layer for filtering the not completely filtered image light which has passed through the first filter layer;

          wherein the first filter layer filters out successively mixed light contained in the image light reflected from the object barcode and allows only red light to pass through, and the second filter layer filtering out the residual mixed light contained in the red light which has passed through the first filter layer to generate a pure red light for entering into the front end apparatus to enable a sensor means located in the front end apparatus to read accurately.

20       2. The improved filter of claim 1, wherein the glass layer is a transparent glass.

          3. The improved filter of claim 1, wherein the first and second filter layer are respectively a multiple film construction.